

IN THE CLAIMS

1. (Currently amended) An oligonucleotide primer ~~selected from the group~~ consisting of SEQ ID NOs: 2730.

2. (Currently amended) A pair of oligonucleotide primers, wherein said pair consists of ~~at least one~~ said primer of claim 1.

3. (Currently amended) A pair of oligonucleotide primers, ~~selected from the group~~ consisting of:

- a) ~~SEQ ID NO: 30 and SEQ ID NO: 4;~~
- b) ~~SEQ ID NO: 27 and SEQ ID NO: 4;~~
- c) ~~SEQ ID NO:16 and SEQ ID NO:12;~~
- d) ~~SEQ ID NO:16 and SEQ ID NO:18;~~
- e) ~~SEQ ID NO:17 and SEQ ID NO:12;~~
- f) a) ~~SEQ ID NO:1 and SEQ ID NO: 27;~~
- g) ~~SEQ ID NO:24 and SEQ ID NO:25;~~ and
- h) ~~SEQ ID NO:21 and SEQ ID NO:4.~~

4-7. (Cancelled)

8. (Currently amended) A method for the detection of *Colletotrichum acutatum* *Cladosporium carpophilum*, comprising the steps of:

- (a) isolating DNA from a plant tissue infected with a pathogen;
- (b) subjecting said DNA to polymerase chain reaction amplification using at least one primer according to claim 1; and
- (c) detecting *Colletotrichum acutatum**Cladosporium carpophilum* by visualizing the product or products of said polymerase chain reaction amplification.

9. (Currently amended) The method of claim 8, wherein said fungal pathogen is *Colletotrichum acutatum*, *Alternaria* spp., and *Cladosporium carpophilum*.

10. (Currently amended) A method for the detection of *Colletotrichum acutatum* *Cladosporium carpophilum*, comprising the steps of:

- (a) isolating DNA from a plant tissue infected with *Colletotrichum acutatum* *Cladosporium carpophilum*;
- (b) amplifying a part of the Internal Transcribed Spacer sequence of *Colletotrichum acutatum* *Cladosporium carpophilum* using said DNA as a template in a polymerase chain reaction with a pair of primers according to claim 2; and
- (c) detecting *Colletotrichum acutatum* *Cladosporium carpophilum* by visualizing the amplified part of the Internal Transcribed Spacer sequence.

11. (Currently amended) The method of claim 10, wherein said fungal pathogen is *Colletotrichum acutatum*, *Alternaria* spp., and *Cladosporium carpophilum*.

12. (Original) The method of claim 10, wherein said pair of primers is according to claim 3.

13-16. (Cancelled)

17. (Original) A diagnostic kit used in detecting a fungal pathogen, comprising the primer of claim 1.

18. (Original) A diagnostic kit used in detecting a fungal pathogen, comprising the pair of primers of claim 2.

19. (Original) A diagnostic kit used in detecting a fungal pathogen, comprising the pair of primers of claim 3.

20-46. (Cancelled)